

## INTERNATIONAL SEARCH REPORT

Application No  
GB2004/003086

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/004699 A (MOEBIUS KLAUS-PETER ; KAISER THOMAS (DE); ADELHELM KARIN (DE); POSER S) 16 January 2003 (2003-01-16) page 10, line 13 - line 22 page 13, line 13 - line 25 claims 1,2,6,7 -----	1,2,4-8
X	WO 96/09407 A (PHARMACIA BIOSENSOR AB ; NILSSON PETER (SE); NYGREN PER AAKE (SE); UHL) 28 March 1996 (1996-03-28) abstract page 4, line 14 - line 22 page 5, line 1 - line 6 page 6, line 32 - line 37 ----- -/-	1,2,4-8

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubt on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the International search

20 October 2004

Date of mailing of the International search report

04/11/2004

Name and mailing address of the ISA  
European Patent Office, P.B. 5818 Patentlaan 2  
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Authorized officer

Hagenmaier, S

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Application No  
GB2004/003086

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KAI E ET AL: "DETECTION OF PCR PRODUCTS IN SOLUTION USING SURFACE PLASMON RESONANCE" ANALYTICAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY, COLUMBUS, US, vol. 71, no. 4, 15 February 1999 (1999-02-15), pages 796-800, XP009004116 ISSN: 0003-2700 abstract page 797; figure 1 page 800, last paragraph -----	1,2,4, 6-8
X	WO 00/17401 A (GERSHONI JONATHAN M ; FRIEDMAN MARK M (IL); HARONIAN DAN (IL); NATHAN) 30 March 2000 (2000-03-30) page 7, line 9 - line 12 page 7, line 17 - line 19 page 8, line 16 - line 31 page 9, line 28 - line 33 figure 1 -----	1,2,4-6, 8
X	FERIOTTO GIORDANA ET AL: "Biosensor technology and surface plasmon resonance for real-time detection of genetically modified Roundup Ready soybean gene sequences." JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY. 27 FEB 2002, vol. 50, no. 5, 27 February 2002 (2002-02-27), pages 955-962, XP002301028 ISSN: 0021-8561 abstract -----	1,2,6-8
X	BIANCHI N ET AL: "Biosensor technology and surface plasmon resonance for real-time detection of HIV-1 genomic sequences amplified by polymerase chain reaction." CLINICAL AND DIAGNOSTIC VIROLOGY. NOV 1997, vol. 8, no. 3, November 1997 (1997-11), pages 199-208, XP002301030 ISSN: 0928-0197 the whole document ----- -/-	1,2,6-8

## INTERNATIONAL SEARCH REPORT

Application No  
'GB2004/003086

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>FERIOTTO GIORDANA ET AL: "Quantitation of bt-176 maize genomic sequences by surface plasmon resonance-based biospecific interaction analysis of multiplex polymerase chain reaction (PCR)." JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY. 30 JUL 2003, vol. 51, no. 16, 27 June 2003 (2003-06-27), pages 4640-4646, XP002301029 ISSN: 0021-8561 Web Release Date: June 27, 2003 abstract page 4644 figure 2</p> <p>-----</p>	1,6-8
A	<p>WO 01/25480 A (DENSHAM DANIEL HENRY ; MEDICAL BIOSYSTEMS LTD (GB)) 12 April 2001 (2001-04-12) the whole document</p> <p>-----</p>	
A	<p>WO 99/05315 A (DENSHAM DANIEL HENRY ; MEDICAL BIOSYSTEMS LTD (GB)) 4 February 1999 (1999-02-04) the whole document</p> <p>-----</p>	
A	<p>WO 95/06138 A (UNIV CALIFORNIA) 2 March 1995 (1995-03-02) the whole document</p> <p>-----</p>	

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

Application No

/GB2004/003086

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 03004699	A	16-01-2003	DE WO EP US	10132785 A1 03004699 A2 1404880 A2 2004197807 A1	16-01-2003 16-01-2003 07-04-2004 07-10-2004
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WO 9905315	A	04-02-1999	AT AU AU BR CA CN DE DE DK EP EP ES WO HK IL JP NZ NZ PT RU	225858 T 735898 B2 8455998 A 9812270 A 2294962 A1 1265158 T 69808661 D1 69808661 T2 1017848 T3 1229133 A2 1017848 A2 2183394 T3 9905315 A2 1031130 A1 133411 A 2001511358 T 502557 A 515315 A 1017848 T 2198221 C2	15-10-2002 19-07-2001 16-02-1999 18-07-2000 04-02-1999 30-08-2000 14-11-2002 31-07-2003 10-02-2003 07-08-2002 12-07-2000 16-03-2003 04-02-1999 04-04-2003 17-09-2003 14-08-2001 01-02-2002 30-06-2003 28-02-2003 10-02-2003
WO 9506138	A	02-03-1995	WO US	9506138 A1 5620854 A	02-03-1995 15-04-1997



1/77

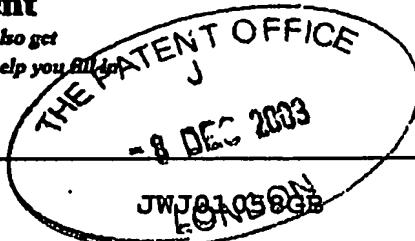
09DEC03 E857982-1 002890  
P01/7700 0000-028425.4

The Patent Office

Cardiff Road  
Newport  
South Wales  
NP10 8QQ

**Request for grant of a patent**

*(See the notes on the back of this form. You can also get an explanatory leaflet from the Patent Office to help you fill in this form.)*



1. Your reference

2. Patent application number

*(The Patent Office will fill this part in)*

- 8 DEC 2003

0328425.4

3. Full name, address and postcode of the or of each applicant (*underline all surnames*)

Daniel DENSHAM  
36 Gabriel's Wharf  
Water Lane  
Exeter  
EX2 4RN  
United Kingdom  
8673 501002  
GB

Patents ADP number (*if you know it*)

If the applicant is a corporate body, give the country/state of its incorporation

4. Title of the invention

Method

5. Name of your agent (*if you have one*)

Gill Jennings &amp; Every

"Address for service" in the United Kingdom to which all correspondence should be sent  
*(including the postcode)*

Broadgate House  
7 Eldon Street  
London  
EC2M 7LH

Patents ADP number (*if you know it*)

745002

6. Priority: Complete this section if you are declaring priority from one or more earlier patent applications, filed in the last 12 months.

Country

Priority application number  
*(if you know it)*Date of filing  
*(day / month / year)*

7. Divisionals, etc: Complete this section only if this application is a divisional application or resulted from an entitlement dispute (see note f)

Number of earlier UK application  
*(day / month / year)*

8. Is a Patents Form 7/77 (Statement of Inventorship and of right to grant of a patent) required in support of this request?

NO

Answer YES if:

- a) any applicant named in part 3 is not an inventor, or
- b) there is an inventor who is not named as an applicant, or
- c) any named applicant is a corporate body.

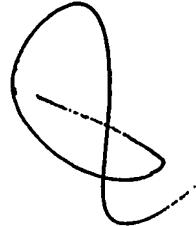
Otherwise answer NO (See note d)

# Patents Form 1/77

9. **Accompanying documents:** A patent application must include a description of the invention.  
Not counting duplicates, please enter the number of pages of each item accompanying this form:

Continuation sheets of this form

Description	7
Claim(s)	1
Abstract	-
Drawing(s)	-



10. If you are also filing any of the following, state how many against each item.

Priority documents

Translations of priority documents

Statement of inventorship and right to grant of a patent (Patents Form 7/77)

Request for a preliminary examination and search (Patents Form 9/77)

Request for a substantive examination (Patents Form 10/77)

NO

Any other documents (please specify)

11. I/We request the grant of a patent on the basis of this application.

For the applicant  
Gill Jennings & Every

Signature

Date 08/12/03

12. Name, daytime telephone number and e-mail address, if any, of person to contact in the United Kingdom

JAPPY, John William Graham  
020 7377 1377

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After an application for a patent has been filed, the Comptroller of the Patent Office will consider whether publication or communication of the invention should be prohibited or restricted under Section 22 of the Patents Act 1977. You will be informed if it is necessary to prohibit or restrict your invention in this way. Furthermore, if you live in the United Kingdom, Section 23 of the Patents Act 1977 stops you from applying for a patent abroad without first getting written permission from the Patent Office unless an application has been filed at least 6 weeks beforehand in the United Kingdom for a patent for the same invention and either no direction prohibiting publication or communication has been given, or any such direction has been revoked.

## Notes

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- If there is not enough space for all the relevant details on any part of this form, please continue on a separate sheet of paper and write "see continuation sheet" in the relevant part(s). Any continuation sheet should be attached to this form.
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- Once you have filled in the form you must remember to sign and date it.
- Part 7 should only be completed when a divisional application is being made under section 15(4), or when an application is being made under section 8(3), 12(6) or 37(4) following an entitlement dispute. By completing part 7 you are requesting that this application takes the same filing date as an earlier UK application. If you want the new application to have the same priority date(s) as the earlier UK application, you should also complete part 6 with the priority details.